

[Method for Stripping Cured Paint from Low Temperature Plastic Substrates]

Abstract

This invention is an ambient temperature method to strip cured paint from low temperature threshold plastic substrates; in addition, this novel method can be utilized to strip wood, steel, aluminum, brass, magnesium and non-ferrous substrates. A paint stripping composition based on a unique mixture of Boron methoxide, at least one alcohol, at least one surfactant and at least one evaporation inhibitor, at least one alkaline or acid activator and at least one additive and may contain at least one co-solvent and may be utilized as-is, water thin, in an immersion tank or thickened and applied by spray, brush or roller. More specifically, a paint stripping process invented to salvage, recover and recycle reject or sometimes called rework painted production parts, in-tact, without adversely affecting the parts substrate and form.